

# Shatter ProTech Technology

The Green+ and Cost+ Solution

## Why a lamp casing that protects against glass and mercury fragments?

The new **Shatter ProTech Technology** from Light Sources adds substantial value and “peace-of-mind” to a very wide variety of applications. The new **Shatter ProTech** shield is a cost-effective solution to glass and mercury containment, while optimizing light output.

**Shatter ProTech** lamps provide maximum consumer safety with minimal output loss. The UVC transmission loss through the ProTech sleeve is only 5% more than that of a quartz sleeve.

Another advantage of the **Shatter ProTech** shield is its ability to easily and economically protect and cover a wide variety of lamp geometries (i.e., linear, circular, U-shaped, compact PL's, etc.). No lamp is too long, short, big or small for the **Shatter ProTech Technology** to do its job - protect and transmit light energy!



## The Shatter +

- Protection against glass fragments
- No potential for mercury contamination when breakage occurs
- Heat and acid resistant
- Cost-saving alternative to “fragile” quartz sleeves
- Will fit any lamp geometry
- Reduces human & product risks in all applications
- High performance at a low cost
- Environmentally friendly and safe
- Lifetime of lamp = lifetime of ProTech shield

## Application areas:



Applications for Shatter ProTech Technology range from food and beverage processing to the grocery industry, air purification, municipal drinking water treatment, chemical manufacturing, freshwater & marine fish farming, silicon chip manufacturing and many, many more.



The **food and grocery industries** are a good example of where the use of Shatter ProTech Technology will help in compliance with strict local codes and FDA safety regulations. In case of any lamp breakage the hazardous glass and mercury waste is completely contained and safely away from contact with people, food and beverages.



In short, with **Shatter ProTech** the food industry not only protects food & beverage against glass splinters, it also safeguards employees and the entire work environment. And not to forget: The risk of unwillingly having to stop ones costly production process is substantially diminished.



LightSources, Inc. Phone: +1 203 799-7877, Fax: +1 203 795-5267, [www.light-sources.com](http://www.light-sources.com)

LightTech Lamp Technology Ltd. Phone: +36 27 541-800, Fax: +36 27 390-099, [www.lighttech.hu](http://www.lighttech.hu)

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